

01-26-07

IFW



Express Mail No. EV473971625US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Tae Ha Ryoo
Byung Tak Jang
Ji-yeoul Ryoo (as corrected)

Confirmation No.: 7258

Serial No.: 10/527,677

Art Unit: 2644

Filed: October 14, 2005

Examiner: TBA

For: CIRCUIT AND METHOD FOR
ELIMINATING POP NOISE IN DIGITAL
AUDIO AMPLIFIER USING DUAL POWER
SUPPLY

Attorney Docket No.: 11005-028-999
CAM: 781005-999001

REQUEST FOR CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.48(a), the assignee and all inventors of the above-identified patent application hereby petition the United States Patent and Trademark Office ("USPTO") to correct the inventorship of the above-identified patent application by *adding JI-YEOUL RYOO as a co-inventor.*

In support thereof and pursuant to 37 C.F.R. § 1.48(a)(2), (3), and (5), the following documents are submitted herewith:

1. Statement of Ji-yeoul Ryoo stating that the inventorship error occurred without any deceptive intention on his part;
2. A Declaration signed by all the inventors; and
3. Statement of Assignee DMB Technology Co., Ltd., complying with the requirements and 37 C.F.R. § 3.73(b) and agreeing to the correction of inventorship.

Please charge the estimated fee of \$130.00 pursuant to 37 CFR §§ 1.17(i), 1.48(a)(4) and any other fees that may be required to Jones Day LLP Deposit Account No. 50-3013. A copy of this sheet is enclosed for accounting purposes.

01/29/2007 WAFSAW1 00000072 503013 130.00 DA
01 FC:1464

It is respectfully submitted that all the requirements of 37 C.F.R. §§ 1.48(a) have been met, and it is requested that the present Petition adding JI-YEOUL RYOO as a co-inventor of the above-identified patent application be granted.

If any issues remain, the Examiner is invited to telephone the undersigned to discuss the same and to arrange for prompt and efficient handling of this matter.

Date January 24, 2007

Respectfully submitted,



Brian M. Rothery (Reg. No. 35,340)

By: Lawrence R. Gabuzda (Reg. No. 51,711)

JONES DAY

222 East 41st Street

New York, NY 10017

(212) 326-3939



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tae Ha Ryoo
Byung Tak Jang
Ji-yeoul Ryoo (as corrected)

Confirmation No.: 7258

Serial No.: 10/527,677

Art Unit: 2644

Filed: October 14, 2005

Examiner: TBA

For: CIRCUIT AND METHOD FOR
ELIMINATING POP NOISE IN DIGITAL
AUDIO AMPLIFIER USING DUAL POWER
SUPPLY

Attorney Docket No.: 11005-028-999
CAM: 781005-999001

**STATEMENT BY INVENTOR TO BE ADDED
PURSUANT TO 37 C.F.R. § 1.48(a)(2)**

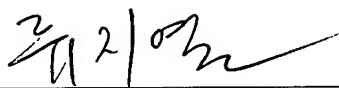
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SIR:

Pursuant To 37 C.F.R. § 1.48(a)(2), I, Ji-yeoul Ryoo, state the following:

I have reviewed and understand the content of the Request for Correction of Inventorship Under 37 C.F.R. § 1.48 submitted herewith to amend the above-identified application to correctly name all of the inventors. The inventorship error occurred without deceptive intention on my part.

Date 2006.12.18


Ji-yeoul Ryoo



DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION*

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled
CIRCUIT AND METHOD FOR ELIMINATING POP NOISE IN DIGITAL AUDIO AMPLIFIER USING DUAL POWER SUPPLY

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on (if applicable)
- ☐ was filed in the United States on as Application No. (for declaration not accompanying application) with amendment(s) filed on (if applicable)
- ☒ was filed as PCT international Application No. PCT/KR2003/001875 on September 9, 2003 and was amended under PCT Article 19 on (if applicable)

I hereby authorize and request the attorneys at Jones Day to insert herein parentheses (Application No. _____ filed _____) the filing date and application number of said application when known.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION				
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
2002-0054939	Republic of Korea	11 September 2002	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
			YES <input type="checkbox"/>	NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

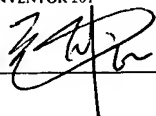
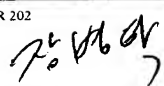
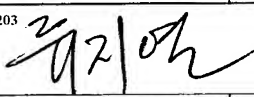
PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112. I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

* For use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2 0 1	FULL NAME OF INVENTOR	LAST NAME Ryoo	FIRST NAME Tae Ha	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Daejeon	STATE OR FOREIGN COUNTRY Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea	
	POST OFFICE ADDRESS	STREET 107-1403 Hana Apt., 153 Shinsung-dong, Yusong-gu	CITY Daejeon	STATE OR COUNTRY Republic of Korea	ZIP CODE 305-805
	SIGNATURE OF INVENTOR 201 			DATE 2006. 12. 18	
2 0 2	FULL NAME OF INVENTOR	LAST NAME Jang	FIRST NAME Byung Tak	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Daejeon	STATE OR FOREIGN COUNTRY Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea	
	POST OFFICE ADDRESS	STREET 106-1107 Sangah Apt., Manyeondong, Seo-gu	CITY Daejeon	STATE OR COUNTRY Republic of Korea	ZIP CODE 302-739
	SIGNATURE OF INVENTOR 202 			DATE 2006. 12. 15.	
2 0 3	FULL NAME OF INVENTOR	LAST NAME Ryoo	FIRST NAME Ji-yeoul	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Suwon	STATE OR FOREIGN COUNTRY Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea	
	POST OFFICE ADDRESS	STREET Salgugol 7-danji, Yeongtong-dong, Yeongtong-gu	CITY Suwon	STATE OR COUNTRY Republic of Korea	ZIP CODE 703-801
	SIGNATURE OF INVENTOR 203 			DATE 2006. 12. 18	
2 0 4	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	SIGNATURE OF INVENTOR 204			DATE	
2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	SIGNATURE OF INVENTOR 205			DATE	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Tae Ha Ryoo
Byung Tak Jang
Ji-yeoul Ryoo (as corrected)

Confirmation No.: 7258

Serial No.: 10/527,677

Art Unit: 2644

Filed: October 14, 2005

Examiner: TBA

For: CIRCUIT AND METHOD FOR
ELIMINATING POP NOISE IN DIGITAL
AUDIO AMPLIFIER USING DUAL POWER
SUPPLY

Attorney Docket No.: 11005-028-999
CAM: 781005-999001

CONSENT BY ASSIGNEE TO CORRECTION OF INVENTORSHIP

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

DMB Technology Co., Ltd., a Republic of Korea Corporation having an office for the transaction of business at Rm. 202 Dongah Venturetower, 538-8 Bongmyung-dong, Yusong-gu, Daejeon-city, Republic of Korea, and owner of the entire right, title and interest in, to and under the invention and U.S. patent application Serial No. 10/527,677 and identified by Jones Day Docket No. 11005-028-999, entitled "CIRCUIT AND METHOD FOR ELIMINATING POP NOISE IN DIGITAL AUDIO AMPLIFIER USING DUAL POWER SUPPLY," hereby consents to amendment of said application to add the following actual inventor: Ji-yeoul Ryoo.

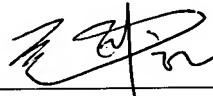
DMB Technology Co., Ltd. certifies that it is the assignee of the entire right, title and interest in, to and under U.S. patent application Serial No. 10/527,677, pursuant to an assignment executed by Tae-Ha Ryoo and Byung-Tak Jang, the presently named inventors of the application, which was recorded on May 12, 2005 at Reel 017113, Frame 0402, in the Assignment Division of the U.S. Patent and Trademark Office. A copy of that Assignment, together with the Notice of Recordation of Assignment Document issued by the Office, is attached hereto.

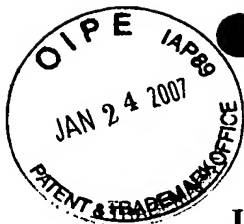
The undersigned has reviewed all of the documents in the chain of title of Application Serial No. 10/527,677 and believes, to the best of undersigned's knowledge, that the title is in DMB Technology Co., Ltd. The undersigned declares that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

The undersigned further states that he has authority to act on behalf of DMB Technology Co., Ltd.

Assignee: DMB Technology Co., Ltd.

Date 2006. 12. 18

By: 
Typed Name: Tae Ha. Ryoo
Position/Title: CEO



Veritas Patent + Co
11005-028-999
781005-999001.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 03, 2006

PTAS



103106645A

JONES DAY
222 EAST 41ST STREET
NEW YORK, NEW YORK 10017

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/12/2005

REEL/FRAME: 017113/0402
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 11005-028-999

ASSIGNOR:

RYOO, TAE-HA

DOC DATE: 03/10/2005

ASSIGNOR:

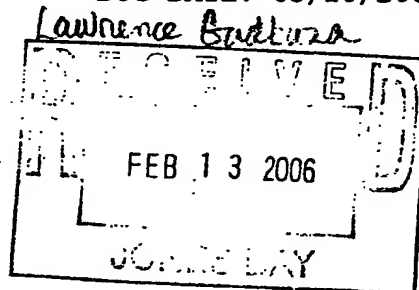
JANG, BYUNG-TAK

DOC DATE: 03/10/2005

ASSIGNEE:

DMB TECHNOLOGY CO., LTD.
538-8 BONGMYUNG-DONG, RM.
202 DONGAH VENTURETOWER
YUSONG-GU, DAEJEON-CITY

REPUBLIC OF KOREA



017113/0402 PAGE 2

SERIAL NUMBER: 10527677 ✓

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CIRCUIT AND METHOD FOR ELIMINATING POP NOISE IN DIGITAL AUDIO
AMPLIFIER USING DUAL POWER SUPPLY ✓

RHONDA NICOL, SUPERVISOR
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

10/14/15

10-25-2005

Express Mail No. EV 532 867 158 US



IET

103106645

Attorney Docket Number
11005-028-999

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Tae-Ha Ryoo Byung-Tak Jang Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>DMB Technology Co., Ltd.</u> Address: <u>Rm. 202 Dongah Venturetower</u> <u>538-8 Bongmyung-dong</u> <u>Yusong-gu</u> <u>Daejeon-city</u> Country (if other than USA): <u>Republic of Korea</u> Zip Code: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <u>Merger</u> Security Agreement <u>Change of Name</u> Other		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>10/527,677</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 222 East 41st Street New York, New York 10017		6. Number of applications and patents involved: 7. Total fee (37 CFR 3.41): \$ <u>40.00</u> Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>50-3013</u>	
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
For: Brian M. Rothery By: Michael Paimberg Name of Person Signing	35,340 50,441 Reg. No.	 Signature	October 14, 2005 Date
Total number of pages including cover sheet:			2

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Or fax documents to Fax No.: 571-373-0140

10/24/2005 EDCIPER 00000195 503012 10527677

01 FC:0021

40.00 DA

NYID: 1596261.1

P00005

ASSIGNMENT

WHEREAS, WE, (1) Tae-Ha Ryoo (2) Byung-Tak Jang, ASSIGNORS, citizens of the Republic of Korea, residing at , (1) 107-1403 Hana Apt., 153 Shinsung-dong, Yusong-gu, Daejeon-city, Republic of Korea (2) 106-1107 Sangah Apt., Manyeon-dong, Seo-gu, Daejeon-city, Republic of Korea are the inventors of the invention in for which we have executed an application for a Patent of the United States

Circuit and method for eliminating pop noise in digital audio amplifier using dual power supply

- ☒ which is executed on ☐ even date herewith or ☐
☐ which is identified by Jones Day docket no. 11005-028-779
☐ which was filed on , Application No.
☒ We hereby authorize and request our attorney, , of Jones Day, , to insert here in parentheses (Application number, PCT/KR2003/001875 filed September 9, 2003) the filing date and application number of said application when known.

and WHEREAS, DMB Technology Co., Ltd., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Mar. 10, 2005 , 2004 Tae-Ha Ryoo I.S.
 Date 3/10/05 , 2004 Byung-Tak Jang I.S.
 State of)
) SS.:
 County of)

On _____, 2004, before me, _____, Notary Public, personally appeared _____, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

State of)
) SS.:
 County of)

On _____, 2004, before me, _____, Notary Public, personally appeared _____, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.